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(54) Title: PLAYBACK SYSTEM WITH REMOTE CONTROL DEVICE

(57) Abstract: In a playback system (400) comprising a meta data generating device (430) meta data information (MD) is transmitted to a remote control device (420), which remote control device (420) is provided for the remote control of a playback device (10) with the aid of selection information (AI) from the meta data information (MD). The playback device (10) and the meta data generating device (430) have a receiving device (432, 40) for receiving a data carrier, in which a data carrier (41) can be inserted, which data carrier (41) contains at least one track, each track being determined by start position information. The meta data generating device (430) is provided for generating meta data information (MD) which additionally contains the start position information. In the remote control device (420) is included selection information generating means (425) for generating selection information (AI) which contains start position information. The playback device (10) includes a processing means (51, 60) for processing selection information (AI) which contains start position information, a selection of a track being enabled by means of the selection information (Ai).



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A. CLASSIFICATION OF SUBJECT MATTER TO THE PROPERTY OF SUBJECT MATTER TO THE PROPERTY OF THE P

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) I PC $\,\,7\,$ G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 97 05616 A (SONY ELECTRONICS INC) 13 February 1997 (1997-02-13)	1-4,7,8, 14-18
Α	abstract	5,6, 9-13, 19-21
	figure 2 figure 4A	19-21
	page 1, line 28 - line 37 page 2, line 27 - line 34 	
A	EP 0 514 815 A (BRM TECHNOLOGIES LTD) 25 November 1992 (1992-11-25)	5,6, 9-13,
	abstract	19-21
	-/	

			
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 		
which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 		
Date of the actual completion of the international search 8 December 2003	Date of mailing of the international search report 22/12/2003		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Valencia, E		

INTERNATIONAL SEARCH REPORT

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		PCT/IB 03/02824					
C.(Continuation) DOCUMENTS CONSIDE							
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
A	WO 01 86652 A (KIM HAN KYO ;SEO YOON DEUK (KR); HAVIN CO LTD (KR); HONG SUK JIN () 15 November 2001 (2001-11-15) abstract	1-21					
A	JOHN DE VET AND VINCENT BUIL: "A personal digital assistant as an advanced remote control for audio/video equipment" PAPER, 'Online! - 2002 XP002264266 Retrieved from the Internet: <url:http: atwrok="" i99="" w4.html="" www.xs4all.nl="" {devet=""> 'retrieved on 2003-12-08! cited in the application the whole document</url:http:>	1-21					

INTERNATIONAL SEARCH HER OTH

ation on patent family members

Internal pplication No PCT/IB 03/02824

	يتر ر	<u> </u>			717 10 037 02024
Patent document cited in search report	,	Publication date		Patent family member(s)	Publication date
W0 9705616	A	13-02-1997	US	5751672 A	12-05-1998
"" 37 63616	^	15 02 1557	AT	192879 T	
			ΑÚ	700004 B	
			AU	6344896 A	
1			CA		
				2227519 A	
			CN	1192285 A	
<u> </u>			DE	69608281	
			DE	69608281 T	
·			EP	0840927 A	
			HK	1007910 A	
			JP	11514482 T	
		•	WO	9705616 A	13-02-1997
	•	•	US	6388958 B	31 14-05-2002
			US	6247022 B	12-06-2001
			US	2001056424 A	
ţ			US	2001004338 A	
			ÜS	6147940 A	
			ÜS	6128255 A	
			US	2001056430 A	
			US	6128625 A	
				0126025 P	
EP 0514815	Α	25-11-1992	US	5408642 A	18-04-1995
			ΑT	160638 T	
-			CA	2069239 A	
			DE	69223275 D	
			ĒΡ	0514815 A	
			ĪĹ	101983 A	
			US	5349655 A	
					20-09-1994
WO 0186652	Α	15-11-2001	AU	2027201 A	
			ΑU	2234101 A	20-11-2001
			ΑU	2697900 A	14-09-2000
ł			EP	1183687 A	N1 06-03-2002
			EP	1183686 A	
			JP	2003532972 1	
			JР	2003532973 1	
			WO	0186655 A	
1			WO	0186652 A	
			KR	2002009550 A	
			KR	2002009330 A	
			US	2002001705 F	
			US		11 0/-08-2003

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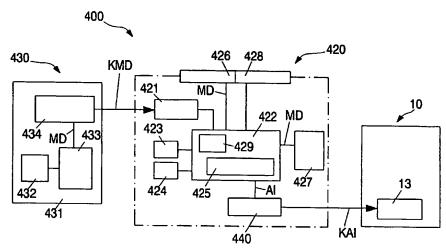
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